

PATENT

IN THE APPLICATION OF:
THOMAS J. CARLSON ET. AL.

CASE NO: BB 1321-1 US PCT

APPLICATION NO. 09/913,064

GROUP ART UNIT: UNKNOWN

FILED: AUGUST 8, 2001

EXAMINER: UNKNOWN

FOR: UDP-GLUCOSE MODIFIERS

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In compliance with 37 CFR 1.97 and 1.98, Applicants bring to the attention of the U.S. Patent and Trademark Office information listed on the enclosed PTO/SB/08. Also attached hereto is a copy of an International Search Report from a corresponding foreign application and copies of those references cited therein.

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Respectfully submitted,

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Encl.



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Complete if Known

Application Number	09/913,064
Filing Date	AUGUST 8, 2001
First Named Inventor	THOMAS J. CARLSON ET. AL.
Group Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	BB 1321-1 US PCT

Sheet	1	of	1
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Date Considered

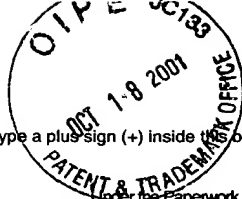
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/913,064
		Filing Date	AUGUST 8, 2001
		First Named Inventor	THOMAS J. CARLSON ET. AL.
		Group Art Unit	Unknown
		Examiner Name	Unknown
		Attorney Docket Number	BB 1321-1 US PCT
Sheet	1	of	1

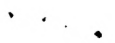
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		NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 1173555, 2-2-96, SLOCUM, R.D. ET. AL., CLONING AND CHARACTERIZATION OF A UDP-GALACTOSE-4-EPIMERASE ('GALACTOWALDENASE') AND ITS EXPRESSION IN PEA TISSUES	
		NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 3021357, 4-27-99, BRUNSTEDT, J., ET. AL., ISOLATION AND EXPRESSION OF TWO cDNA CLONES ENCODING UDP-GALACTOSE EPIMERASE EXPRESSED IN DEVELOPING SEEDS OF THE ENDOSPERMOUS LEGUME GUAR	
		MORTEN JOERSBO, ET. AL., PLANT SCIENCE, VOL. 142:147-154, 1999, ISOLATION AND EXPRESSION OF TWO cDNA CLONES ENCODING UDP-GALACTOSE EPIMERASE EXPRESSED IN DEVELOPING SEEDS OF THE ENDOSPERMOUS LEGUME GUAR	
		TED M. KLEIN, ET. AL, NATURE. VOL. 327:70-73, 1987, HIGH-VELOCITY MICROPROJECTILES FOR DELIVERING NUCLEIC ACIDS INTO LIVING CELLS	
		THOMAS L. SIMS ET AL., NUCLEIC ACID RESEARCH, VOL. 17(11):4386, 1989, THE GLYCININ GY1 GENE FROM SOYBEAN	
		PETER DORMANN, ET. AL., THE PLANT JOURNAL VOL. 13(5):641-652, 1998, THE ROLE OF UDP-GLUCOSE EPIMERASE IN CARBOHYDRATE METABOLISM OF ARABIDOPSIS	
		MARC R. LAKE, ET. AL., PLANT PHYS. BIOCHEM., VOL. 36(8):555-562, 1998, MOLECULAR CLONING AND CHARACTERIZATION OF A UDP-GLUCOSE-4-EPIMERASE GENE (galE) AND ITS EXPRESSION IN PEA TISSUES	
		PETER DORMANN, ET. AL., ARCHIVES OF BIOCHEMISTRY AND BIOPHYSICS, VOL. 327(1):27-34, 1996, FUNCTIONAL EXPRESSION OF URIDINE 5'-DIPHOSPHO-GLUCOSE 4-EPIMERASE (EC 5.1.3.2.) FROM ARABIDOPSIS THALIANA IN SACCHAROMYCES CEREVISIAE AND ESCHERICHIA COLI	
		EMBL SEQUENCE DATA LIBRARY ACCESSION NO. AW267428, 1-6-00, WALBOT, V., MAIZE ESTs FROM VARIOUS cDNA LIBRARIES SEQUENCED AT STANFORD	

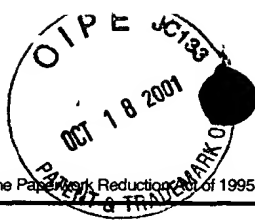
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APPLICATION NUMBER: 09/913,064
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INFORMATION DISCLOSURE STATEMENT
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